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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Dae-sung Cho et al.

Application No.: 10/646,831

Filing Date: August 25, 2003

Title: APPARATUS AND METHOD FOR  
STREAMING MULTIMEDIA DATA



) Group Art Unit:

) Examiner: ,

) Confirmation No.: 1346

THIRD  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date June 20, 2006

By:   
Charles F. Wieland III  
Registration No. 33,96

P.O. Box 1404  
Alexandria, VA 22313-1404  
703.836.6620

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In re Patent Application of )  
Dae-sung Cho et al. ) Group Art Unit: 2127  
Application No.: 10/646,831 ) Examiner: ,  
Filed: August 25, 2003 ) Confirmation No.: 1346  
For: APPARATUS AND METHOD FOR )  
STREAMING MULTIMEDIA DATA )

**THIRD INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date June 20, 2006

By: 

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Alexandria, Virginia 22313-1404  
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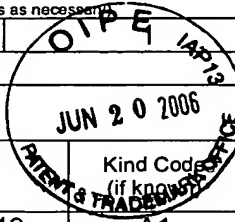
# **THIRD INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

**Complete if Known**

Application Number	10/646,831
Filing Date	August 25, 2003
First Named Inventor	Dae-sung Cho et al.
Examiner Name	
Attorney Docket Number	1030681-000569

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	2002/0069419	A1	Raverdy et al.	06-06-2002
	6,014,694		Aharoni et al.	01-11-2000
	6,138,163		Nam et al.	10-24-2000

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Office Action	IPER	Abstract	Cited in Spec
	* 11-225160		Japan	08-17-1999				X			
	* 2000-287165		Japan	10-13-2000				X			
	* 2002-199008		Japan	07-12-2002				X			
	* WO 02/071191	A2	Wipo	09-12-2002				X		X	

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	* Vera Goebel, Thomas Plagemann; Mapping User-Level QoS to System-Level QoS and Resources in a Distributed Lecture-on-Demand System pgs. 197-203
	* Japanese Office Action dated 01-25-2006
	* German Search Report dated 10-19-2005

\* Copy Attached

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.